CSA
ENGINEERING AND TECHNICAL SUPPORT

OVERVIEW

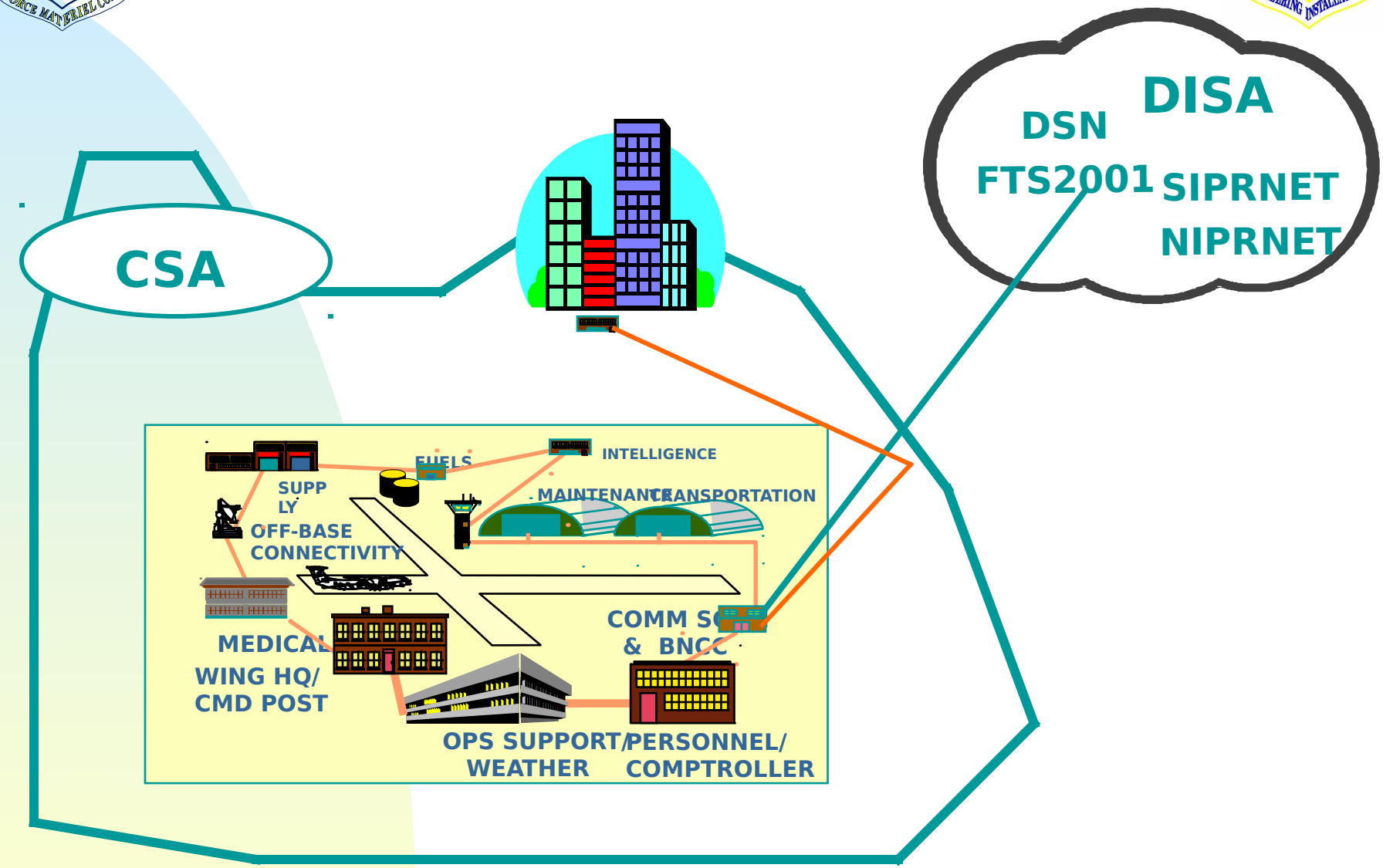
- **CSA ENGINEERING CELL RESPONSIBILITIES**

- **CSA TECHNICAL SUPPORT**
  - **Statement of Work (SOW)**
  - **Quantity Table**

ENGINEERING RESPONSIBILITIES

- Perform Site Survey
- Prepare Engineering Package
  - SS-SOW
  - Quantity Table
  - Government Estimate
  - Evaluation Standards
- Evaluate Proposals
- Provide Additional Support As Needed

38th Engineering Installation Grou



Technical Support

Types of Service Providers:

Inter-Exchange Carrier (**IXC/IEC**): provide long distance services (AT&T, MCI, Sprint, 10-10, etc.)

Local Exchange Carrier (**LEC**): provide local services
[Bell South, SBC (Ameritech, SW Bell, & PacBell), Qwest/US West, Verizon (Bell Atlantic & GTE), etc.]

Competitive Local Exchange Carrier (**CLEC**); new carrier compete for local services (COX, TW, ICG, etc.)

Technical Support

Types of Services acquired:

Commercial Subscriber Lines (Business lines)
Optional Features (Call Waiting, Caller ID, etc.)
DID & DOD trunks
Foreign Exchange lines
Centrex Services
Transport Channels (mileage)
Data Circuits (9.6, 14.4, … 56 Kbps, or DS-1)
Circuit Extension

Technical Support

- ***Site Survey Activities***

  Obtain current contract information (from PK or base) on services pertaining to the site (base) to develop initial draft of services required (Statement of Work).

  Prepare draft Site Specific Statement of Work (SS-SOW) and draft Quantity Table.

  Send Basic Agreement (BA-SOW), draft SS-SOW and draft Quantity Table to base/unit POC for coordination.

- ***Prepare Engineering Package***:

  SS-SOW, Quantity Table/Government Estimate, Evaluation Standards.

Technical Support

- ***Evaluate Proposals***

Apply the Technical Evaluation Standards.

Factors from these standards are incorporated into the SS-SOW.

Factors are the standards by which the vendor will/will not be determined technically acceptable to provide the services.

Vendors are required to provide information regarding company structure and management, and proof of their capability to provide quality services.

Customer is an integral part of the Technical Evaluation team and highly encourage to participate in the evaluation.

Technical Support

- ***Evaluate Proposals (cont'd)***

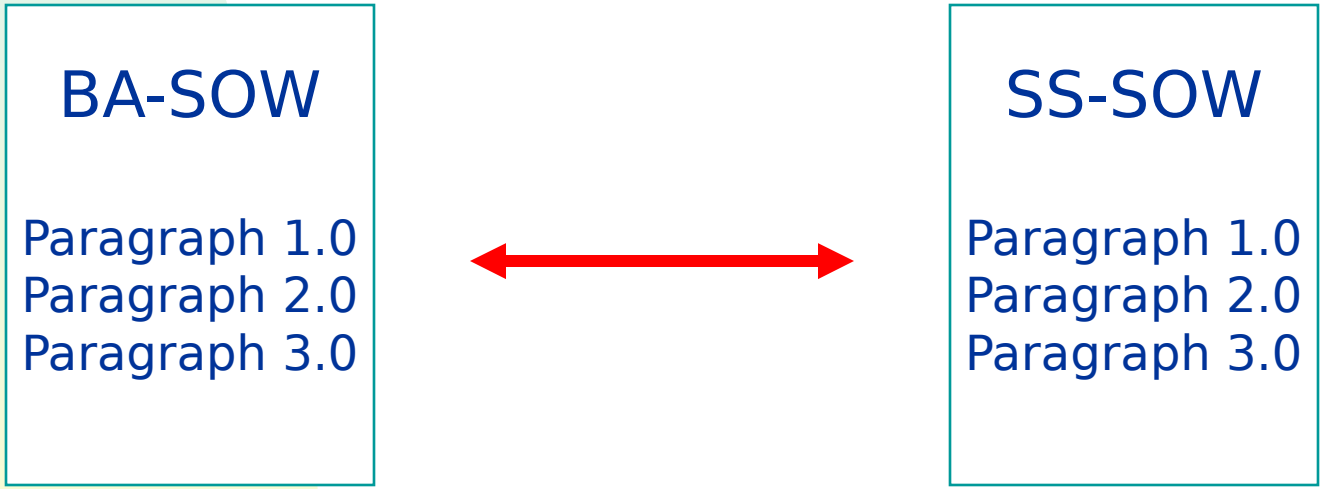
  Member of Tech Eval Team to conduct review of technical proposals to determine acceptability based on the standards.

  Assist in discussion and development of Evaluation Notices (EN's) outlining discrepancies.

- ***Participate in Cutover if applicable***
- ***Misc. Support***

Technical Support

Relationship between BA-SOW and SS-SOW



Technical Support

SS-SOW Requiring Customer Input

- Installation and Cutover
- Local Exchange Access and Service Area
- Number Portability
- Demarcation
- Diversity
- 911/311 Services
- Telephone Directories

Technical Support

Quantity Table **(Qty-Tab):** Listing of requirement into the pricing table.

Part 1 - Cutover requirement, these are installation costs at cutover

Part 2 - Non-Recurring charges, these are one time expenses to invoke new services after Cutover

Part 3 - Monthly Recurring Charges, the monthly service charges

Part 4 - Total Taxes and Surcharges

Technical Support

Qty-Tab: Listing of requirement into the pricing table.

Data Item (BA-SOW 30.1.2)
- Data Item A001 (Installation Plan)
- Data Item A002 (Cutover Plan)
- Data Item A003 (Customer Services Record)
- Data Item A004 (Communications Services Record)

Trunks Traffic Study/Analysis Report (SS-SOW 3.2.2, BA-SOW 30.1.3)
- Data Item A005 (City Trunk Traffic Analysis Report)
- Data Item A006 (High Bandwidth Transport Circuit Traffic Analysis Report, DS-1 and Higher)

QUESTIONS?